

THIRD-ORDER LEVELING
SEA LEVEL DATUM OF 1929

38-085-24

LA GRANGE QUADRANGLE

188 KY.-19 IND.

N3815-W8515/15

DIAGRAM NJ 16-6

LOUISVILLE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Henry, Jefferson, Oldham,
Shelby, and Trimble Counties,
Kentucky; Clark County, Indiana

Final adjustment of 1973

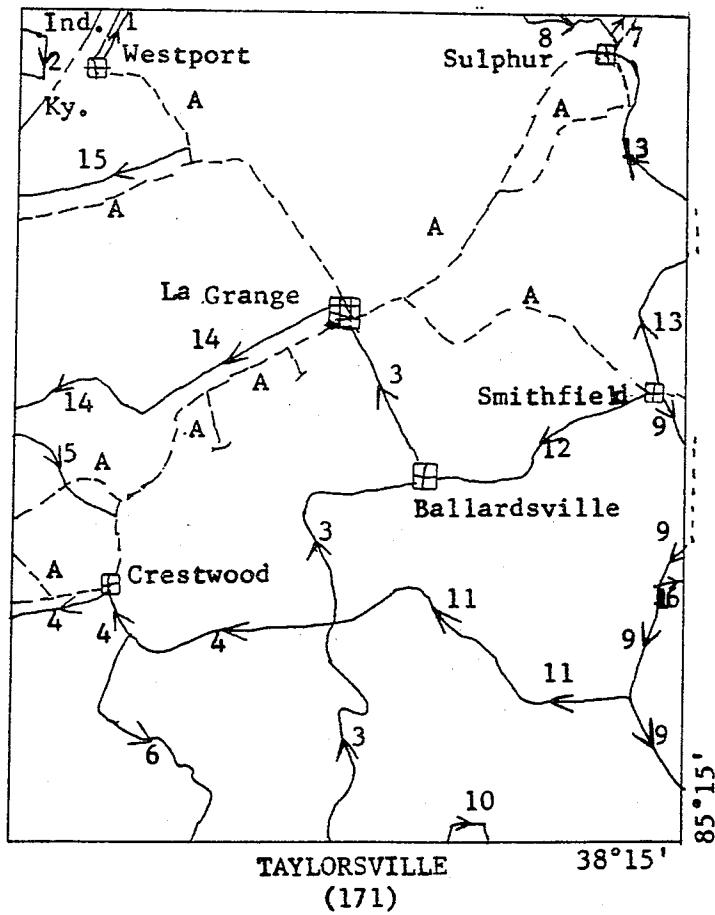
Edition of 5/3/74

PR: DSW/mid

MADISON
(KY. 202-IND. 31)

PROSPECT
(189 KY.-20 IND.)

NEW CASTLE
(187)



NGS (USC&GS) VERTICAL CONTROL DATA

A. Quadrangle 380852

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ISOLATED BENCH MARKS (By F. R. Swearingen, 1926; Book B 2498)

Feet

Shelbyville, 6.4 mi NW. of, along State Highway 53; 730 ft NW. of Gleneyrie School; 30 ft E. of centerline of Highway 53 at junction of State Highway 362 W; 60 ft N. and 110 ft E. of stone bridge over Bullskin Creek; in SE. corner of pasture; in concrete post; standard tablet stamped "TT STA NO 3 T 1926 734" (Reported not found, 1952)	734.127
Jericho, 56 ft E. of E. side of, and in line with S. end of station; along L. & N. RR.; 30 ft W. of centerline of rd.; 20 ft E. of; and 2 ft higher than E. rail of track; in concrete post; standard tablet stamped "TT STA NO 6 T 1926 (Tied by NGS, 1935) (Reported not found, 1953)	900.835
Jericho, 3.2 mi N. of; along State Highway 153; 1.0 mi SE. of Pendleton; 10 ft N. and 33 ft W. of centerline of hwy. at junction of T-rd. W.; in SE. corner of pasture; in concrete post; standard tablet stamped "TT STA NO 7 T 1926" (Reported destroyed, 1954)	884.625
U.E., Sulphur, 0.4 mi SW. of station, along L. & N. RR.; at NE. abutment of bridge No. 6; 12 ft SE. of; and 5 ft lower than SE. rail of tracks; 0.9 ft NW. of SE. face of abutment; 0.4 ft SW. of NE. end of bridge seat; on E. end of bridge seat; chiseled square (Tied by NGS, 1935)	691.547
Sligo, 36 ft S. and 24 ft W. of centerline of triangular rd. forks; in SE. corner of pasture opposite general store; 33 ft N. and 24 ft W. of mailbox of C. M. Kidwell; in concrete post; standard tablet stamped "TT STA NO 9 T 1926" (Reported not found, 1954)	881.511
Sligo, 2.8 mi SW. of, along U.S. Highway 42; 20 ft N. of centerline of Highway 42; in SW. corner of yard of Organ School; in concrete post; standard tablet stamped "TT STA NO 10 T 1926" (Reported not found, 1954)	858.400
Sligo, 3.2 mi SW. of, along U. S. Highway 42, thence 2.4 mi NW. along State Highway 524; 18 ft S. and 4 ft E. of centerline of hwy. at junction of rd. N.; 7 ft E. of mailbox of J. L. Varble; in concrete post; standard tablet stamped "TT STA NO 11 T 1926" (Reported not found, 1954)	605.106
Westport, 1.5 mi E. of, along State Highway 524; 0.7 mi NE. of iron bridge over Eighteenmile Creek; 10 ft N. and 24 ft W. of centerline of hwy. at junction of rd. S.; at mailbox of Claude Williams; in concrete post; standard tablet stamped "TT STA NO 12 T 1926" (Reported not found, 1954)	450.005

ISOLATED BENCH MARKS (Cont'd.)Feet

Westport; at SE. corner of intersection of First and Main Streets; on property of Estelle Carr; 30 ft S. of centerline of First Street; 12 ft E. of fenceline; on concrete slab with copper bolt in center; USED standard cap over 4-in iron pipe designated "BM NO 117" (Reported not found, 1954)	450.828
LaGrange, 2.3 mi SE. of, along L. & N. RR.; at Liro Station; 23 ft SW. of; and 1 ft lower than SW. rail of tracks; 16 ft NW. of center of field gate; 8 ft NE. of fenceline; in concrete post; standard tablet stamped "TT STA NO 14 T 1926" (Tied by NGS, 1935) (Reported not found, 1954)	893.302
LaGrange, 2.8 mi SW. of, along L. & N. RR.; 1.0 mi NE. of Buckner; directly opposite Clare interurban station stop; 665 ft E. of mile-post No. L-24; 26 ft S. of centerline of tracks; in concrete post; standard tablet stamped "TT STA NO 16 T 1926" (Reported not found, 1954)	826.755

LINE 1.

By M. C. McClellan, 1930; Book B 3686

Westport; 0.1 mi NE. of Union Church; 134 ft N. of NE. corner of school; 78 ft W. of NW. corner of residence of C. B. Humphrey; 81 ft E. of NE. corner of barn; 61 ft S. of SE. corner of S. wing of residence of Thelmer White; in sandstone post; standard tablet stamped "TT STA NO 13 T 1926" (Tied by NGS, 1954)	485.609
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LINE 2.

By C. S. Wells, 1937; Book B 7312

U.E., Solon, 2.5 mi SE. of; at E. angle of junction of T-rd. NE.; in root on N. side of 48-in tulip poplar tree; rail spike	748.74
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LINE 3.

By E. O. Miner, 1949; Book AV 92

Simpsonveil, 0.8 mi W. of, along U. S. Highway 60-460, thence 2.8 mi N. along graveled rd.; 900 ft NE. of concrete bridge at curve; 30 ft N. of SW. corner of tobacco barn of W. A. Tuh, Jr.; 16 ft NE. of centerline of graveled rd.; 1 ft W. of fenceline; in concrete post; standard tablet stamped TT 41 DWP 1948 761" <u>NOT FOUND</u>	760.992
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Reference mark, 900 ft SW. of tablet; on N. corner of masonry wingwall of bridge; chiseled square	723.79
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LINE 3 (Cont'd.)Feet

U.E., Simpsonville, 0.8 mi W. of; along U. S. Highway 60-460; thence 3.6 mi N.; at NW. corner of steel bridge over large creek; on stone abutment; chiseled square	709.04
Simpsonville, 0.8 mi W. of; along U. S. Highway 60-460, thence 5.1 mi N. along graveled rd.; thence 0.1 mi W. along State Highway 362; 1.9 mi W. of Fairview Cemetery; 600 ft W. of centerline of junction of Y-rd.; 350 ft N. of residence of Wilson Marvin; 76 ft E. of centerline of Highway 362 at junction of T-rd. N.; 19 ft N. of centerline of Highway 362; 19 ft W. of 24-in ash tree; 1 ft S. of fenceline; in concrete post; standard tablet stamped "TT 42 DWP 1948 749"	748.307
Reference mark; 130 ft SW. of tablet; at W. edge of drive; in root on NE. side of 24-in elm tree; rail spike	748.95
Centerfield, 0.7 mi E. of, along State Highway 22, thence 2.7 mi S. along graveled rd.; 28 ft S. and 61 ft W. of centerline of rd. at junction of T-rd. N. between two hills; at creek crossing; 5 ft W. of fenceline corner; in concrete post; standard tablet stamped "TT 43 DWP 1948 669" NOT FOUND 79	668.388
Reference mark, 60 ft NE. of tablet; at N. edge of rd. on W. edge of stream; on boulder; chiseled square (Reported not found, 1952)	665.51
Centerfield, 0.7 mi E. of, along State Highway 22, thence 0.7 mi S.; 2.9 mi W. of Ballardsville; thence 0.7 mi S.; 100 ft S. of centerline of rd. at junction of T-rd. W.; 13 ft W. of centerline of rd.; 21 ft S. of 15-in. ash tree; in concrete post; standard tablet stamped "TT 44 DWP 1948 836" (Reported disturbed, 1953)	835.836
U.E., Centerfield, 1.1 mi E. of, along State Highway 22; 50 ft NW. of white house; on E. end of S. concrete headwall of culvert under Highway 22; chiseled square	741.60
U.E., Centerfield, 1.6 mi E. of, along State Highway 22; on E. end of N. concrete headwall of culvert under Highway 22; chiseled square	751.49
Centerfield, 2.1 mi E. of, along State Highway 22; 1.6 mi W. of Ballardsville; along Highway 22; 85 ft W. of centerline of Highway 22 at junction of T-rd. SE.; 27 ft N. of centerline of hwy.; 58 ft W. of NW. concrete headwall of culvert; 4 ft E. of telephone pole; 1 ft S. of fenceline; in concrete post; standard tablet stamped "TT 45 DWP 1948 755"	755.238
Reference mark; 70 ft E. of tablet; on E. end of N. concrete headwall of bridge; chiseled square	757.94
U.E., Ballardsville, 1.1 mi W. of school, along State Highway 22; 80 ft W. of centerline of Highway 22 at junction of private rd. S.; on E. end of N. concrete headwall of culvert; chiseled square	781.73

LINE 3 (Cont'd.)Feet

Ballardsville, 290 ft W. of centerline of State Highway 53 at junction of State Highway 22 W.; 24 ft N. of centerline of Highway 22; 1 ft S. of fenceline; in concrete post; standard tablet stamped "TT 46 DWP RESET 1954 861"	862.896
U.E., Ballardsville, 0.6 mi NW. of school, along State Highway 53; on NW. end of SW. concrete headwall of bridge under Highway 53; chiseled square	777.95
U.E., Ballardsville, 1.1 mi NW. of school, along State Highway 53; 50 ft. S. of centerline of hwy. at junction of graveled rd. W.; on W. concrete headwall of bridge; chiseled square	776.43
U.E., Ballardsville, 1.4 mi NW. of school, along State Highway 53; 175 ft SE. of centerline of hwy. at junction of T-rd. E.; on N. corner of masonry wingwall of bridge; chiseled square	778.95
La Grange, 1.9 mi SE. of, along State Highway 53; 2.1 mi NW. of Ballardsville; at crest of hill; 23 ft S. of centerline of hwy at junction of private drive E. to residence of H. Allgeier; 16 ft E. of centerline of Highway 53; 1 ft W. of fenceline; in concrete post; standard tablet stamped "TT 47 DWP 1948 895"	894.592
U.E., La Grange, 1.5 mi SE. of, along State Highway 53; on S. end of W. masonry headwall of culvert; chiseled square	833.51
U.E., La Grange, 0.6 mi SE. of; along State Highway 53; at W. corner of concrete bridge over Curry Creek; on retaining wall; chiseled square	752.69
La Grange, at S. entrance of courthouse; at angle formed by two sidewalks; 25 ft S. of S. side of building; 9 ft W. of centerline of entrance sidewalk; in concrete post; standard tablet stamped "TT STA NO 15 T 1926 869" (Tied by NGS, 1935)	868.410
La Grange, in yard of Oldham County Courthouse; 106 ft N. of centerline of Main Street; 75 ft SW. of S. entrance to courthouse; 37 ft W. of concrete walk; in concrete post; NGS standard triangulation station disk stamped "LA GRANGE 1947"	867.236
Reference mark No. 1; 80 ft ENE. of station; 80 ft SSE. of S. entrance to courthouse; 36 ft E. of concrete walk; 28 ft S. of small concrete walk; in concrete post; NGS standard reference mark disk stamped "LA GRANGE NO 1 1947"	866.324
Reference mark No. 2; 86 ft SSW. of station; 106 ft E. of centerline of Second Street; 47 ft N. of centerline of Main Street; 5 ft S. of concrete walk; in concrete post; NGS standard reference mark disk stamped "LA GRANGE NO 2 1947"	866.265
La Grange, on L.&N. RR.; 120 ft E. of E. side of brick station; in line with W. side of wooden freight depot; in small park; 63 ft E. of; and in line with N. side of sectionhouse at SW. corner of park; 28 ft N. of; and 1 ft lower than N. rail of tracks; 18 ft N. of fenceline; in concrete post; standard tablet stamped "855" (Tied by NGS, 1935) (Reported not found, 1954)	855.300

LINE 3 (Cont'd.)Feet

"B 31 1934" (NGS) (Reported not found, 1961)

856.649

LINE 4.

By E. O. Miner, 1949; Book AV 92

Floydsburg, 0.9 mi SE. of, thence 1.8 mi NE.; 92 ft SW. of centerline of rd. at junction of T-rd. N.; 32 ft S. of centerline of rd.; in concrete post; standard tablet stamped "61 EOM 1949 737" DISTURBED ?? 736.526

Reference mark; 140 ft NE. of tablet; on concrete base of corner fencepost; chiseled square 736.10

U.E., Floydsburg, 0.9 mi SE. of; thence 1.5 mi NE.; on E. end of N. concrete headwall of bridge; chiseled square 664.68

U.E., Floydsburg, 0.9 mi SE. of, thence 0.4 mi NE.; on W. end of S. concrete headwall of bridge; chiseled square 652.28

"62 EOM 1949 680" (Destroyed, 1980) 679.398

Reference mark; 50 ft S. of tablet; on W. end of N. concrete headwall of culvert; chiseled square 679.72

U.E., Floydsburg, 0.5 mi SE. of, on SE. corner of masonry headwall of arch bridge over Currys Fork; chiseled square 630.85

U.E., Floydsburg; 30 ft N. of centerline of rd. at junction of T-rd. NW.; on E. end of N. concrete headwall of culvert; chiseled square 716.26

Crestwood, 0.2 mi NE. of station, along L. & N. RR.; at Crestwood Elementary School; 148 ft N. of NE. corner of school; 73 ft SE. of S. rail of tracks; 38 ft W. of 18-in. persimmon tree; 27 ft NE. of 30-in white oak tree; 21 ft SE. of centerline of State Highway 146; 8 ft NW. of metal witness post and sign; in concrete post; standard tablet stamped "2 M 1926 798" (Tied by NGS) NOT FOUND ?? 797.764

Reference mark, 110 ft W. of tablet; on concrete stepping block; chiseled square 797.67

U.E., Crestwood, 0.5 mi W. of, along State Highway 22; on E. end of N. concrete headwall of culvert; and 5 ft lower than centerline of hwy.; chiseled square 751.21

U.E., Crestwood, 1.0 mi W. of, along State Highway 22; 75 ft SW. of centerline of hwy. at junction of Y-rd NW.; on W. end of L-shaped concrete headwall of culvert; chiseled square 759.96

LINE 4 (Cont'd.)Feet

U.E., Crestwood, 1.5 mi W. of, along State Highway 22; on E. end of N. concrete headwall of culvert; and 3 ft lower than centerline of hwy.; chiseled square

717.49

LINE 5.

By E. O. Miner, 1949; Book AV 92

U.E., Brownsboro; 45 ft N. of centerline of crossroads; on S. corner of concrete step; chiseled square

723.23

U.E., Brownsboro, 0.6 mi NE. of, thence 0.3 mi SE.; on SE. end of NE. masonry headwall of culvert; chiseled square

748.45

U.E., Brownsboro, 0.6 mi NE. of, thence 0.4 mi SE.; thence 0.4 mi NE.; 70 ft N. of centerline of rd. at junction of drive N.; on W. masonry headwall of bridge; chiseled square

762.76

Glenarm, 0.5 mi NW. of; 0.6 mi NE. of Brownsboro; thence 0.4 mi SE.; thence 0.8 mi E.; 60 ft SW. of centerline of rd. at junction of private drive SW. 34 ft W. of 30-in. maple tree; 20 ft SE. of centerline of drive; 1 ft N. of board fence; in concrete post; standard tablet stamped "69 EOM 1949 810" (Tied by NGS, 1960)

809.342

Reference mark, 30 ft NE. of tablet; in root on E. side of 36-in maple tree; copper nail and washer

809.46

U.E., Glenarm, 100 ft SW. of centerline of crossroads; on NE. end of NW. concrete headwall of culvert; chiseled square

800.11

Glenarm, 0.7 mi NE. of, along L. & N. RR.; 2.0 mi S. of Buckner; midway between tracks at Fox interurban station stop; 114 ft NE. of milepost No. L-21; 4 ft N. and 30 ft W. of centerline of private rd. crossing; in concrete post; standard tablet stamped "TT STA NO 17 T 1926" (Reported disturbed, 1949)

813.497

LINE 6.

By E. O. Miner, 1949; Book AV 92

"62 EOM 1949 680" (Destroyed, 1980)

679.398

U.E., Floydsburg, 1.7 mi SE. of; 15 ft NE. of centerline of rd.; on boulder; chiseled square

714.61

U.E., Floydsburg, 2.3 mi SE. of; at NE. corner of steel bridge over Floyds Fork; on bridge seat; chiseled square

637.15

LINE 6 (Cont'd.)Feet

Floydsburg, 2.9 mi SE. of; 250 ft S. of centerline of rd. at junction of T-rd. SW.; 20 ft E. of centerline of rd.; 15 ft W. of edge of small pond; in concrete post; standard tablet stamped "70 EOM 1949 697" (Reported not found, 1950)	696.880
Reference mark, 250 ft N. of tablet; on S. concrete headwall of bridge; chiseled square	686.64
U.E., Floydsburg, 2.9 mi SE. of, thence 0.4 mi SW.; 20 ft E. of turn in rd.; at bottom of outlet of quarry hole; on bedrock; chiseled square	712.39
U.E., Floydsburg, 2.9 mi SE. of; thence 1.5 mi SW.; on NW. concrete headwall of bridge; chiseled square	690.59
Floydsburg, 2.9 mi SE. of, thence 2.0 mi SW.; 3.7 mi NE. of Eastwood; 500 ft SW. of Jefferson-Shelby County line; 75 ft E. of centerline of rd. at junction of T-rd. SE.; 1 ft S. of fenceline; in concrete post; standard tablet stamped "71 EOM 1949 755" <u>NOT FOUND</u> '79	755.032
Reference mark, 50 ft S. of tablet; on concrete headwall of culvert; chiseled square	754.43

LINE 7.

By F. Ludke, 1950; Book AV 190

"V 30 1934" (NGS)

695.940

LINE 8.

By F. Ludke, 1950; Book AV 190

Sligo, 0.8 mi N. of, along U. S. Highway 42; 2.1 mi W. of Sulphur; along State Highway 157; 99 ft ENE. of centerline of Highway 42 at junction of Highway 157; 29 ft N. of; and 3 ft higher than centerline of Highway 157; 81 ft SE. of SE. corner of residence of Will Dean; 5 ft N. of telephone pole; in concrete post; standard tablet stamped "73 FL 1950 889"

888.987

Reference mark, 630 ft E. of tablet; at junction of hwys.; on concrete culvert; chiseled square

879.53

"W 30 1934" (NGS)

690.514

"V 30 1934" (NGS) (Also in line 7)

695.940

LINE 9.Feet

By R. H. Paine, 1952; Book AV 322

Smithfield, 4.4 mi S. of, along State Highway 322; 2.0 mi N. of Chestnut Grove; 0.2 mi NE. of intersection of State Highways 322 and 53; 28 ft NW. of centerline of Highway 322; 2 ft SE. of SE. face of 30-in. maple tree; in concrete post; standard tablet stamped "TT STA NO 5 T 1926" (Tied by NGS, 1935) 890.661

U.E., Smithfield, 1.3 mi SE. of, along State Highway 322; 130 ft S. of; and 2 ft higher than centerline of rd. at junction of private rd. W.; on N. end of concrete headwall of culvert; chiseled square 795.88

/Jogs into New Castle quadrangle/

Smithfield, 2.2 mi SE. of, along State Highway 322, thence 0.3 mi W. along State Highway 22; 4.0 mi W. of Eminence; on property of Mr. Wiley; 92 ft SE. of SE. corner of frame house; 34 ft SE. of NE. corner of barn; 30 ft NE. of SE. corner of barn; 5 ft N. of fence-line; 5 ft NW. of white witness post; in concrete post; NGS standard triangulation station disk stamped "SMITHFIELD 1949" 881.275

Reference mark No. 1; 35 ft N. of station; 1 ft W. of fenceline; in concrete post; NGS standard reference mark disk stamped "SMITHFIELD NO 1 1949" 882.019

Reference mark No. 2; 25 ft SW. of station; 1 ft NE. of SE. corner of barn; in concrete post; NGS standard reference mark disk stamped "SMITHFIELD NO 2 1949" 882.040

/Jogs into New Castle quadrangle/

Smithfield, 4.4 mi S. of, along State Highway 322; 2.0 mi N. of Chestnut Grove; 0.2 mi NE. of intersection of State Highways 322 and 53; 28 ft NW. of centerline of Highway 322; 2 ft SE. of SE. face of 30-in maple tree; in concrete post; standard tablet stamped "TT STA NO 4 T 1926 770" 769.936

Reference mark, 96 ft S. of tablet; on SW. end of SE. concrete headwall of culvert; chiseled square 768.16

U.E., Smithfield, 4.4 mi S. of, along State Highway 322, thence 0.4 mi S. along State Highway 53; 20 ft NE. of centerline of hwy. at junction of T-rd. W.; on N. end of E. concrete headwall of culvert; chiseled square 764.24

U.E., Smithfield, 4.4 mi S. of, along State Highway 322, thence 1.0 mi S. along State Highway 53; 1.0 mi N. of Chestnut Grove; on W. concrete headwall of culvert; chiseled square 758.60

U.E., Chestnut Grove, 0.4 mi N. of, along State Highway 53; on N. end of W. concrete headwall of culvert; chiseled square 751.04

LINE 9 (Cont'd.)Feet

U.E., Chestnut Grove, 0.4 mi S. of, along State Highway 53; on S. end of W. concrete headwall of twin culvert; chiseled square	742.89
Chestnut Grove, 0.7 mi S. of, along State Highway 53; 6.7 mi NW. of Shelbyville; along Highway 53; 360 ft W. of centerline of Highway 53 at junction of State Highway 362 W.; in E. end of S. railing of concrete bridge over Bullskin Creek; standard tablet stamped "44 RHP 1952 747"	746.345
Reference mark, 28 ft N. of tablet; at E. end of concrete bridge over Bullskin Creek; on N. wheelguard; chiseled square	743.61
U.E., Chestnut Grove, 2.5 mi S. of, along State Highway 53; 95 ft SE. of centerline of hwy. at junction of drive W.; on N. end of E. concrete headwall of culvert; chiseled square	772.68

LINE 10.

By R. H. Paine, 1952; Book AV 322

U.E., Simpsonville, 2.3 mi NE. of post office, thence 0.5 mi E.; on center of concrete floor of small bridge; chiseled square	742.59
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LINE 11.

By R. H. Paine, 1952; Book AV 322

"44 RHP 1952 747" (Described in line 9)	746.345
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Reference mark, chiseled square (Described in line 9)	743.61
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U.E., Chestnut Grove, 0.7 mi S. of, along State Highway 53, thence 0.8 mi W. along State Highway 362; on W. end of S. concrete wheelguard of bridge over Lutz Run; chiseled square	748.99
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Chestnut Grove, 0.7 mi S. of, along State Highway 53, thence 2.0 mi W. along State Highway 362; 55 ft SE. of; 5 ft lower than; and in line with centerline of Highway 362 at junction of Y-rd. NW.; 1 ft NW. of fence-line; in concrete post; standard tablet stamped "50 RHP 1952 738"	737.325
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Reference mark, 115 ft WNW. of tablet; at junction of Y-rd NW.; in N. end of E. corrugated metal culvert; top of bolthead	736.46
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U.E., Chestnut Grove, 0.7 mi S. of, along State Highway 53, thence 2.0 mi W. along State Highway 362; thence 0.6 mi NW. along graveled rd.; on N. concrete wingwall of small wooden bridge; chiseled square	747.22
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LINE 11 (Cont'd.)Feet

Chestnut Grove, 0.7 mi S. of, along State Highway 53, thence 2.0 mi W. along State Highway 362; thence 2.6 mi NW. along graveled rd.; 145 ft NW. of new bridge over Lick Fork; 70 ft N. of centerline of new grade; 26 ft N. of centerline of old grade; 1 ft E. of fence corner; in concrete post; standard tablet stamped "51 RHP 1952 RESET 1955 697"	696.150
Reference mark, on SE. end of SW. concrete wheelguard of bridge over Lick Fork; chiseled square	702.38
Ballardsville, 1.0 mi SE. of, along State Highway 53, thence 1.7 mi S. along graveled rd.; 80 ft SSW. of; and 4 ft higher than centerline of rd. at junction of Y-rd. W.; in SE. concrete headwall of culvert; standard tablet stamped "52 RHP 1952 689"	688.844
"TT 43 DWP 1948 669" (Described in line 3) NOT FOUND. 70	668.388

LINE 12.

By R. H. Paine, 1952; Book AV 322

"TT STA NO 5 T 1926" (Described in line 9)	890.661
U.E., Smithfield, 1.3 mi SW. of, along State Highway 322; 150 ft NE. of; and 8 ft higher than centerline of hwy. at junction of private drive N.; on SW. end of NW. concrete headwall of culvert; chiseled square	794.68
Smithfield, 1.9 mi SW. of, along State Highway 322; 4.0 mi NE. of Ballardsville; along State Highway 22; 33 ft S. of; and 1 ft lower than centerline of Highway 22 at junction of Highway 322; 2 ft E. of concrete hwy. survey post; in concrete post; standard tablet stamped "53 RHP 1952 812"	811.910
U.E., Ballardsville, 2.6 mi E. of, along State Highway 22; on SW. end of NW. concrete headwall of culvert; chiseled square	812.76
Ballardsville, 1.9 mi E. of, along State Highway 22; in S. end of E. concrete abutment of bridge over North Fork; standard tablet stamped "54 RHP 1952 710"	709.999
Reference mark, 130 ft W. of tablet; on N. end of W. concrete abutment of bridge over North Fork; chiseled square	709.97
Ballardsville, 243 ft SW. of centerline of State Highway 22 at junction of State Highway 53; 84 ft W. of NW. corner of school; 81 ft S. of centerline of Highway 22; 11 ft E. of white witness post and fence-line; in concrete post; NGS standard triangulation station disk stamped "BALLARD 1949"	860.964

LINE 12 (Cont'd.)Feet

Reference mark No. 1, 24 ft NE. of station; 61 ft W. of NW. corner of school; in concrete post; NGS standard reference mark disk stamped "BALLARD NO 1 1949" 861.234

"TT 46 DWP RESET 1954 861" (Described in line 3) 862.896

LINE 13.

By R. H. Paine, 1952; Book AV 322

"TT STA NO 5 T 1926" (Described in line 9) 890.661

U.E., Smithfield, 0.3 mi NE. of, thence 0.8 mi NW.; on E. concrete headwall of bridge; chiseled square 838.03

Smithfield, 0.3 mi NE. of, thence 2.0 mi NW.; 27 ft SW. of; and 1 ft lower than centerline of rd. at junction of Y-rd.; in line with centerline of rd. NE.; 5 ft E. of corner fencepost; in concrete post; standard tablet stamped "40 RHP 1952 848" 847.937

/Jogs into New Castle quadrangle/

Sulphur, 1.4 mi SE. of, thence 2.2 mi S.; 6.1 mi NW. of New Castle; along State Highway 146; 47 ft N. and 19 ft W. of centerline of Highway 146 at junction of graveled rd. N.; 5 ft W. of 8-in. elm tree; in concrete post; standard tablet stamped "42 RHP 1952 761" 760.088

Reference mark, 33 ft SSW. of tablet; 30 ft NW. of centerline of hwy. at junction of T-rd. N.; on N. concrete headwall of culvert; chiseled square 759.58

Sulphur, 1.4 mi SE. of; 77 ft SW. of centerline of rd. at junction of Y-rd.; in NW. end of NE. concrete abutment of steel bridge over Fallen Timber Creek; standard tablet stamped "43 RHP 1952 731" (Tied by NGS, 1964) 730.100

Reference mark, 52 ft S. of tablet; on SE. bridge seat; chiseled square 730.04

Sulphur, 1.2 mi SE. of; along Fallen Timber Creek Road; 125 ft N. of N. corner of steel bridge; 78 ft NW. of centerline of rd. at junction of Y-rd.; 16 ft NE. of centerline of graveled rd.; 3 ft NE. of fence-line; in concrete post; standard tablet stamped "TT STA NO 8 T 1926 737" (Reported disturbed, 1952) 736.158

"Z 160 1950" (NGS) 695.094

Reference mark, 100 ft ENE. of disk; on SE. end of NE. abutment of L. & N. RR. bridge No. 6; chiseled square 691.55

LINE 14.Feet

By R. H. Paine, 1952; Book AV 322

"TT STA NO 15 T 1926 869" (Described in line 3)	868.410
"LA GRANGE 1947" (NGS) (Described in line 3)	867.236
La Grange, 1.7 mi SW. of courthouse, along State Highway 146; at main entrance to La Grange State Reformatory; 22 ft NE. of E. face of stone column W. of entrance rd.; 21 ft SW. of W. face of stone column E. of entrance rd.; at S. tip of grass median; in concrete post; standard tablet stamped	
"55 RHP 1952 850" (Tied by NGS, 1960)	849.798
Reference mark; 148 ft SE. of tablet; in centerline of State Highway 146 at junction of drive NW. to State Reformatory; rail spike	848.21
U.E., La Grange, 3.1 mi SW. of courthouse, along State Highway 146; on N. concrete headwall of culvert 1 ft lower than centerline of hwy.; chiseled square	792.57
La Grange, 4.1 mi SW. of courthouse; along State Highway 146; at Buckner; 155 ft NE. of combination post office and grocery store; 40 ft NW. of; and 2 ft higher than centerline of hwy.; 4 ft NE. of telephone pole; 3 ft SW. of metal witness post; 3 ft E. of fence corner; in concrete post; standard tablet stamped	
"56 RHP 1952 831" (Tied by NGS, 1960)	830.349
Reference mark, 140 ft WSW. of tablet; on N. end of concrete base of gasoline pumps; chiseled square	830.45
Buckner, 1.2 mi W. of, thence 0.4 mi NW., thence 0.5 mi W.; 15 ft S. and 10 ft E. of; and level with centerline of graveled rd.; at junction of dirt rd. N.; 28 ft N. of power pole; 2 ft W. of corner fencepost; in concrete post; standard tablet stamped	
"57 RHP 1952 717"	716.672

LINE 15.

By R. H. Paine, 1952; Book AV 322

"G 31 1934" (NGS)	802.436
Westport, 3.4 mi SE. of, along State Highway 1015, thence 0.6 mi SW. along U. S. Highway 42; 4.6 mi NE. of Skylight, along Highway 42; 58 ft SSE. of; and 7 ft higher than centerline of hwy.; 70 ft SE. of centerline of hwy. at junction of rd. S. to farmhouse; 25 ft SSW. of telephone pole in line with house; 14 ft ESE. of board fence; in concrete post; NGS standard azimuth mark disk stamped "HORRODS 1947"	801.084

LINE 15 (Cont'd.)Feet

Westport, 3.4 mi SE. of, along State Highway 1015, thence 0.9 mi SW. along U. S. Highway 42; 4.3 mi NE. of Skylight; along Highway 42; 29 ft NNW. of; and 2 ft higher than centerline of hwy.; 139 ft WSW. of property fenceline; 137 ft WSW of extended centerline of rd. SSE.; 60 ft ENE. of power pole No. OV 6-24; 4 ft WSW. of white wooden witness post; 1 ft NNW. of fenceline; in concrete post; NGS standard reference mark disk stamped "HORRODS NO 1 1947"

802.843

Westport, 3.4 mi SE. of, along State Highway 1015, thence 0.9 mi SW. along U.S. Highway 42; 4.3 mi NE. of Skylight; along Highway 42; along property line extending NW. from hwy.; 163 ft NNW. of; and level with centerline of hwy.; 125 ft NNW. of power pole; 2 ft NE. of fenceline; in concrete post; NGS standard reference mark disk stamped "HORRODS NO 2 1947"

798.630

U.E., Westport, 3.4 mi SE. of, along State Highway 1015, thence 2.0 mi SW. along U. S. Highway 42; at Triangle Inn Restaurant; on SW. corner of base of gasoline pump; chiseled square

751.30

Skylight, 2.2 mi NE. of, along U. S. Highway 42; 29 ft N. of, and level with centerline of Highway 42 at junction of Highway 393 SE.; 34 ft W. of center of concrete and steel cattle guard across private rd.; 30 ft WNW. of W. end of 24-in. pipe culvert under private rd.; NW.; 6 ft W. of power pole; 3 ft S. of fenceline; in concrete post; standard tablet stamped "59 RHP 1952 784" (Tied by NGS, 1954)

783.443

LINE 16.

By R. H. Paine, 1952; Book AV 322

"TT STA NO 4 T 1926 770" (Described in line 9)

769.936

Reference mark, chiseled square (Described in line 9)

768.16

HORIZONTAL CONTROL
NORTH AMERICAN DATUM OF 1927

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

38-085-24
LA GRANGE QUADRANGLE
188 KY.-19 IND.
N3815-W8515/15
DIAGRAM NJ 16-6
LOUISVILLE

Henry, Jefferson, Oldham, Shelby, and
Trimble Counties, Kentucky; Clark County,
Indiana

Only the permanent marks are
listed for control classified
obsolete and are not shown on
sketch

Edition of 5/19/77

PR: CRV/rmm

Plane coordinates are based on Lambert projection,
Kentucky, North Zone and transverse Mercator
projection, Indiana, East Zone

MADISON
(202 KY.-31 IND.)

PROSPECT
(189 KY.-20 IND.)

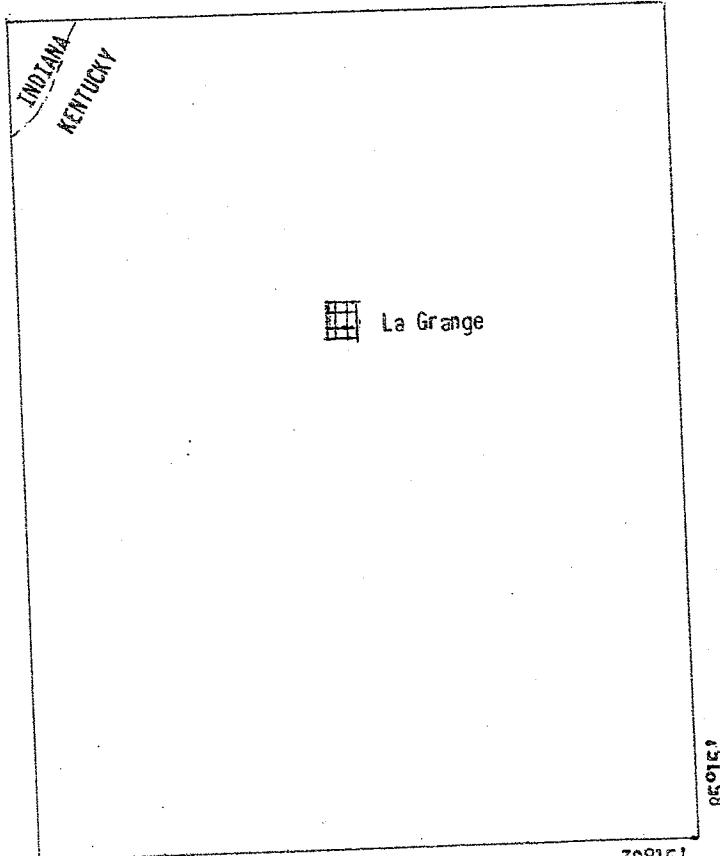
NEW CASTLE
(187)

La Grange

TAYLORSVILLE
(171)

38°15'

85°15'



DISCLAIMER

We no longer attest to the validity of the positions listed for horizontal control established by transit traverse procedures. This control is now considered OBSOLETE and is included in this list for the purpose of identification only.

INDEX OF PERMANENT MARKS

<u>MARK (USGS)</u>	<u>PAGE NO.</u>
TT STA NO 3 T 1926 734	3
TT STA NO 4 T 1926 770	6
TT STA NO 5 T 1926	6
TT STA NO 6 T 1926	7
TT STA NO 7 T 1926	3
TT STA NO 8 T 1926 737	3
TT STA NO 9 T 1926	3
TT STA NO 10 T 1926	3
TT STA NO 11 T 1926	3
TT STA NO 12 T 1926	3
TT STA NO 13 T 1926	4
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TT 41 DWP 1948 761	4
TT 42 DWP 1948 749	4
TT 43 DWP 1948 669	4
TT 44 DWP 1948 836	5
TT 45 DWP 1948 755	5
TT 46 DWP RESET 1954 861	5
TT 47 DWP 1948 895	5
73 FL 1950 889 TT	6
TT 1 HF 1950	5
TT 5 HF 1951	5
TT 6 HF 1951	5
40 RHP 1952 848	6
42 RHP 1952 761	6
43 RHP 1952 731	6
44 RHP 1952 747 TT	7
TT 15 TWC 1952	7
TT 16 TWC 1952	7
TT 17 TWC 1952	7

NGS

Z 160 1950

6

188 KY.-19 IND.
LA GRANGE QUADRANGLE

38-085-24

3

STATION	DESCRIPTION PLANE COORDINATES, FEET	LATITUDE ° ' "	LONGITUDE ° ' "
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The following positions are considered OBsolete. To be used only to locate permanent marks in the field.

By C. A. Turner, 1926; Books C7765, C7766

Shelbyville, 6.4 mi NW. of, along State Highway 53; 730 ft NW. of Gleneyrie School; 30 ft E. of centerline of Highway 53 at junction of State Highway 362 W.; 60 ft N. and 110 ft E. of stone bridge over Bullskin Creek; in SE. corner of pasture; in concrete post; standard tablet stamped "TT STA NO 3 T 1926 734"
(Not found, 1952)

Ky. N.)	X = 1,707,962	Y = 289,955	38 17 30.54	85 16 03.08
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Jericho, 3.2 mi N. of, along State Highway 153; 1.0 mi SE. of Pendleton; 10 ft N. and 33 ft W. of centerline of hwy. at junction of I-rd. W.; in SE. corner of pasture; in concrete post; standard tablet stamped "TT STA NO 7 T 1926" (Reported destroyed, 1954)

	X = 1,700,857	Y = 348,386	38 27 07.32	85 17 40.50
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Sulphur, 1.2 mi SE. of, along Fallen Timber Creek Road; 125 ft N. of N. corner of steel bridge; 78 ft NW. of centerline of rd. at junction of Y-rd.; 16 ft NE. of centerline of graveled rd.; 3 ft NE. of fenceline; in concrete post; standard tablet stamped "TT STA NO 8 T 1926 737" (Reported disturbed, 1952)

	X = 1,709,314	Y = 357,521	38 28 38.57	85 15 55.46
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Slige; 36 ft S. and 24 ft W. of centerline of triangular rd. forks; in SE. corner of pasture opposite general store; 33 ft N. and 24 ft W. of mailbox of C. M. Kidwell; in concrete post; standard tablet stamped "TT STA NO 9 T 1926" (Not found, 1954)

	X = 1,695,354	Y = 361,954	38 29 20.83	85 18 51.61
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Sligo, 2.8 mi SW. of, along U.S. Highway 42; 20 ft N. of centerline of Highway 42; in SW. corner of yard of Organ School; in concrete post; standard tablet stamped "TT STA NO 10 T 1926" (Not found, 1954)

	X = 1,682,268	Y = 359,738	38 28 57.40	85 21 35.85
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Sligo, 3.2 mi SW. of, along U.S. Highway 42, thence 2.4 mi NW. along State Highway 524; 18 ft S. and 4 ft E. of centerline of hwy. at junction of rd. N.; 7 ft E. of mailbox of J. L. Varble; in concrete post; standard tablet stamped "TT STA NO 11 T 1926" (Not found, 1954)

	X = 1,670,332	Y = 365,669	38 29 54.58	85 24 06.90
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Westport, 1.5 mi E. of, along State Highway 524; 0.7 mi NE. of iron bridge over Eighteenmile Creek; 10 ft N. and 24 ft W. of centerline of hwy. at junction of rd. S.; at mailbox of Claude Williams; in concrete post; standard tablet stamped "TT STA NO 12 T 1926" (Not found, 1954)

	X = 1,656,468	Y = 360,362	38 29 00.37	85 27 00.41
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188 KY.-19 IND.
LA GRANGE QUADRANGLE

38-085-24

4

STATION	DESCRIPTION	LATITUDE	LONGITUDE
	PLANE COORDINATES, FEET	° ' "	° ' "

OBSOLETE MARKS (Cont'd.)

Westport; 0.1 mi NE. of Union Church; 134 ft N. of NE. corner of school; 78 ft W. of NW. corner of residence of C. B. Humphrey; 81 ft E. of NE. corner of barn; 61 ft S. of SE. corner of S. wing of residence of Thelmer White; in sandstone post; standard tablet stamped "TT STA NO 13 T 1926"

Ky. N.) X = 1,649,674 Y = 359,091 38 28 46.92 85 28 25.63

La Grange, 2.3 mi SE. of, along L. & N. RR.; at Liro Station; 23 ft SW. of, and 1 ft lower than SW. rail of tracks; 16 ft NW. of center of field gate; 8 ft NE. of fenceline; in concrete post; standard tablet stamped "TT STA NO 14 T 1926" (Not found, 1954)

X = 1,687,984 Y = 330,147 38 24 05.56 85 20 19.59

La Grange, 2.8 mi SW. of, along L. & N. RR.; 1.0 mi NE. of Buckner; directly opposite Clare interurban station stop; 665 ft E. of milepost No. L-24; 26 ft S. of centerline of tracks; in concrete post; standard tablet stamped "TT STA NO 16 T 1926" (Not found, 1954)

X = 1,664,043 Y = 325,742 38 28 19.10 85 25 19.62

Glenarm, 0.7 mi NE. of, along L. & N. RR.; 2.0 mi S. of Buckner; midway between tracks at Fox interurban station stop; 114 ft NE. of milepost No. L-21; 4 ft N. and 30 ft W. of centerline of private rd. crossing; in concrete post; standard tablet stamped "TT STA NO 17 T 1926" (Reported disturbed, 1949)

X = 1,654,565 Y = 314,369 38 21 25.49 85 27 16.61

By D. W. Pinkston, 1948; Book AH 122

Simpsonville, 0.8 mi W. of, along U.S. Highway 60-460, thence 2.8 mi N. along graveled rd.; 900 ft NE. of concrete bridge at curve; 30 ft N. of SW. corner of tobacco barn of W. A. Tuoh, Jr.; 16 ft NE. of centerline of graveled rd.; 1 ft W. of fenceline; in concrete post; standard tablet stamped "TT 41 DWP 1948 761"

X = 1,676,162 Y = 278,554 38 15 34.17 85 22 40.16

Simpsonville, 0.8 mi W. of, along U.S. Highway 60-460, thence 5.1 mi N. along graveled rd., thence 0.1 mi W. along State Highway 362; 1.9 mi W. of Fairview Cemetery; 600 ft W. of centerline of junction of V-rd.; 350 ft N. of residence of Wilson Marvin; 76 ft E. of centerline of Highway 362 at junction of I-rd. N.; 19 ft N. of centerline of Highway 362; 19 ft W. of 24-in. ash tree; 1 ft S. of fenceline; in concrete post; standard tablet stamped "TT 42 DWP 1948 749"

X = 1,675,569 Y = 289,757 38 17 24.82 85 22 49.31

Centerfield, 0.7 mi E. of, along State Highway 22, thence 2.7 mi S. along graveled rd.; 28 ft S. and 61 ft W. of centerline of rd. at junction of I-rd. N. between two hills; at creek crossing; 5 ft W. of fenceline corner; in concrete post; standard tablet stamped "TT 43 DWP 1948 669"

X = 1,676,371 Y = 299,735 38 19 03.57 85 22 40.79

188 KY.-19 IND.
LA GRANGE QUADRANGLE

38-085-24

5

STATION	DESCRIPTION PLANE COORDINATES, FEET	LATITUDE ° ' "	LONGITUDE ° ' "
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OBSOLETE MARKS (Cont'd.)

Centerfield, 0.7 mi E. of, along State Highway 22, thence 0.7 mi S.; 2.9 mi W. of Ballardsville, thence 0.7 mi S.; 100 ft S. of centerline of rd. at junction of T-rd. W.; 13 ft W. of centerline of rd.; 21 ft S. of 15-in. ash tree; in concrete post; standard tablet stamped "TT 44 DWP 1948 836" (Reported disturbed, 1953)

Ky. N.) X = 1,673,011 Y = 308,811 38 20 32.88 85 23 24.35

Centerfield, 2.1 mi E. of, along State Highway 22; 1.6 mi W. of Ballardsville, along Highway 22; 85 ft W. of centerline of Highway 22 at junction of T-rd. SE.; 27 ft N. of centerline of hwy.; 58 ft W. of NW. concrete headwall of culvert; 4 ft E. of telephone pole; 1 ft S. of fenceline; in concrete post; standard tablet stamped "TT 45 DWP 1948 755"

X = 1,678,135 Y = 313,796 38 21 22.77 85 22 20.80

Ballardsville; 290 ft W. of centerline of State Highway 53 at junction of State Highway 22 W.; 24 ft N. of centerline of Highway 22; 1 ft S. of fenceline; in concrete post; standard tablet stamped "TT 46 DWP RESET 1954 861"

X = 1,685,536 Y = 315,594 38 21 41.43 85 20 48.16

La Grange, 1.9 mi SE. of, along State Highway 53; 2.1 mi NW. of Ballardsville; at crest of hill; 23 ft S. of centerline of hwy. at junction of private drive E. to residence of H. Allgeier; 16 ft E. of centerline of Highway 53; 1 ft W. of fenceline; in concrete post; standard tablet stamped "TT 47 DWP 1948 895"

X = 1,681,074 Y = 324,325 38 23 07.21 85 21 45.50

By H. P. Finch, 1950; Book AH 216

Hibernia, 2.4 mi SE. of; 3 ft N. and 62 ft E. of center of triangle formed by junction of T-rd. NE.; 30 ft SE. of centerline of NE.-SW. rd.; 14 ft N. of fence corner; in concrete post; standard tablet stamped "TT 1 HF 1950"

X = 1,644,249 Y = 360,907 38 29 04.16 85 29 34.15

Sligo, 2.2 mi W. of, along U.S. Highway 42; 0.3 mi W. of main entrance to Segrams Experimental Farm; 33 ft S. of centerline of hwy.; 120 ft W. of fence corner; 5 ft SW. of telephone pole; in concrete post; standard tablet stamped "TT 5 HF 1951"

X = 1,685,008 Y = 359,018 38 28 50.61 85 21 01.31

Sligo; 34 ft N. and 62 ft E. of centerline of U.S. Highway 42 at junction of State Highway 153; 33 ft SE. of centerline of Highway 42; 9 ft N. of four-prong tree; in concrete post; standard tablet stamped "TT 6 HF 1951"

X = 1,695,334 Y = 361,925 38 29 20.54 85 18 51.88

188 KY.-19 IND.
LA GRANGE QUADRANGLE

38-085-24

6

STATION	DESCRIPTION	LATITUDE	LONGITUDE
	PLANE COORDINATES, FEET	° ′ ″	° ′ ″

OBSOLETE MARKS (Cont'd.)

Sligo, 0.8 mi N. of, along U.S. Highway 42; 2.1 mi W. of Sulphur, along State Highway 157; 99 ft ENE. of centerline of Highway 42 at junction of Highway 157; 29 ft N. of, and 3 ft higher than centerline of Highway 157; 81 ft SE. of SE. corner of residence of Will Dean; 5 ft N. of telephone pole; in concrete post; standard tablet stamped "73 FL 1950 889 TT"

Ky. N.) X = 1,696,914 Y = 365,661 38 29 57.65 85 18 32.55

By T. W. Cayce, 1952; Book AH 302

Sulphur, 0.4 mi SW. of station, along L. & N. RR.; 11 ft NW. of NW. rail; 2 ft SE. of NW. end of SW. concrete abutment of bridge No. 6 over creek; in abutment; NGS standard disk stamped "Z 160 1950"

X = 1,706,230 Y = 361,903 38 29 21.55 85 16 34.84

Sulphur, 1.4 mi SE. of; 77 ft SW. of centerline of rd. at junction of Y-rd.; in NW. end of NE. concrete abutment of steel bridge over Fallen Timber Creek; standard tablet stamped "43 RHP 1952 731"

X = 1,709,285 Y = 357,394 38 28 37.31 85 15 55.80

Sulphur, 1.4 mi SE. of, thence 2.2 mi S.; 6.1 mi NW. of New Castle, along State Highway 146; 47 ft N. and 19 ft W. of centerline of Highway 146 at junction of graveled rd. N.; 5 ft W. of 8-in. elm tree; in concrete post; standard tablet stamped "42 RHP 1952 761"

X = 1,708,064 Y = 348,537 38 27 09.62 85 16 09.92

By T. W. Cayce, 1952; Book AH 302

Smithfield, 0.3 mi NE. of, thence 2.0 mi NW.; 27 ft SW. of, and 1 ft lower than centerline of rd. at junction of Y-rd.; in line with centerline of rd. NE.; 5 ft E. of corner fencepost; in concrete post; standard tablet stamped "40 RHP 1952 848"

X = 1,708,837 Y = 334,410 38 24 50.07 85 15 58.24

Smithfield, 4.4 mi S. of, along State Highway 322; 2.0 mi N. of Chestnut Grove; 0.2 mi NE. of intersection of State Highway 322 and 53; 28 ft NW. of centerline of Highway 322; 2 ft SE. of SE. face of 30-in. maple tree; in concrete post; standard tablet stamped "TT STA NO 5 T 1926"

X = 1,711,381 Y = 324,094 38 23 08.37 85 15 24.87

Smithfield, 4.4 mi S. of, along State Highway 322; 2.0 mi N. of Chestnut Grove; 0.2 mi NE. of intersection of State Highways 322 and 53; 28 ft NW. of centerline of Highway 322; 2 ft SE. of SE. face of 30-in. maple tree; in concrete post; standard tablet stamped "TT STA NO 4 T 1926 770"

X = 1,713,044 Y = 302,484 38 19 34.93 85 15 01.03

188 KY.-19 IND.
LA GRANGE QUADRANGLE

38-085-24

7

STATION	DESCRIPTION	LATITUDE	LONGITUDE
	PLANE COORDINATES, FEET	° ′ ″	° ′ ″

OBSOLETE MARKS (Cont'd.)

Chestnut Grove, 0.7 mi S. of, along State Highway 53; 6.7 mi NW. of Shelbyville, along Highway 53; 360 ft W. of centerline of Highway 53 at junction of State Highway 362 W.; in E. end of S. railing of concrete bridge over Bullskin Creek; standard tablet stamped "44 RHP 1952 747 TT"

Ky. N.) X = 1,707,852 Y = 289,838 38 17 29.36 85 16 04.44

La Grange, 1.4 mi N. of courthouse, along State Highway 53; 6 ft S. and 32 ft E. of centerline of hwy. at junction of I-rd. NE.; in concrete post; standard tablet stamped "TT 15 TWC 1952"

X = 1,674,416 Y = 339,306 38 25 34.49 85 23 11.44

La Grange, 1.4 mi N. of courthouse, along State Highway 53, thence 1.9 mi NE. along graveled rd.; at entrance of Clearwater Farm; 30 ft S. of, and in line with drive entrance; 1 ft N. of wire fence; in concrete post; standard tablet stamped "TT 16 TWC 1952"

X = 1,679,900 Y = 346,474 38 26 46.01 85 22 03.62

La Grange, 1.4 mi N. of courthouse, along State Highway 53, thence 3.5 mi NE. along graveled rd.; 0.8 mi NE. of steel bridge over Harrods Creek; in NE. end of E. concrete headwall of bridge; standard tablet stamped "TT 17 TWC 1952"

X = 1,686,567 Y = 352,281 38 27 44.20 85 20 40.70

MARKS TIED BY NGS

By C. A. Turner, 1926; Book C7765, C7766

Jericho; 56 ft E. of E. side of, and in line with S. end of station, along Louisville and Nashville Railroad; 30 ft W. of centerline of rd.; 20 ft E. of, and 2 ft higher than E. rail of track; in concrete post; standard tablet stamped "TT STA NO 6 T 1926" (Not found, 1953)

X = 1,701,822.18 Y = 332,112.25 38 24 26.580 85 17 26.048

By D. W. Pinston, 1948; Book AM 122

La Grange; at S. entrance of courthouse; at angle formed by two sidewalks; 25 ft S. of S. side of building; 9 ft W. of centerline of entrance sidewalk; in concrete post; standard tablet stamped "TT STA NO 15 T 1926 869"

X = 1,676,324.60 Y = 332,556.41 38 24 28.001 85 22 46.415

OFFICE COPY HOLD

EBF
11-23-87

KENTUCKY # 4 H.A.P.
CS 626 1987
Perry, Frost, Hale

Third-Order PP Ties

	STATION DESCRIPTION	PLANE COORDINATES		LATITUDE ° ' "	LONGITUDE ° ' "
		X	Y		
<u>1&</u>	Center T-Rd. S.				<u>Qd 200 KY</u>
				Photo 364-141	
	1601 1855929.90	383844.70		38 33 10.74	84 45 13 59
<u>2A</u>	Center Rd. @ X-Fence				<u>Qd 200 KY</u>
				Photo 366-69	
	1601 1787129.98	453819.59		38 44 37.82	84 59 46.76
<u>3A&</u>	Center Rd. @ Drv NW.				<u>Qd 208 KY</u>
				Photo 364-145	
	1601 1849989.54	462923.03		38 46 12.10	84 46 34.05
<u>4A</u>	Point of Grass				<u>Qd 200 KY</u>
				Photo 366-66	
	1601 1796813.58	381169.44		38 32 40.44	84 57 37.47
<u>4B&</u>	Center T-Rd. N.				<u>Qd 200 KY</u>
				Photo 366-66	
	1601 1796169.61	381020.05		38 32 38.91	84 57 45.56
<u>5A&</u>	Center Rd. @ Drive NW.				<u>Qd 200 KY</u>
				Photo 366-66	
	1601 1788776.27	402736.13		38 36 13.00	84 59 20.81
<u>5B&</u>	Center Rd. @ Drv. E.				<u>Qd 200 KY</u>
				Photo 366-66	
	1601 1788964.73	403401.97		38 36 19.60	84 59 18.50
<u>6D&</u>	Center T-Rd. ENE.				<u>Qd 187 KY</u>
				Photo 366-83	
	1601 1765068.55	328990.14		38 24 02.03	85 04 11.17
<u>6F&</u>	Center T-Rd. SW.				<u>Qd 187 KY</u>
				Photo 366-83	
	1601 1766775.33	326931.58		38 23 41.83	85 03 49.51
<u>7A&</u>	Center T-St. W.				<u>Qd 43 IN</u>
				Photo 306-131	
	1601 1675719.77	464965.51		38 46 16.73	85 23 14.55

OFFICE COPY HOLD

Third-Order PP Ties

STATION DESCRIPTION	PLANE COORDINATES		LATITUDE ° ' "	LONGITUDE ° ' "
	X	Y		
<u>7B&</u> Center Rd. @ Drv. E.				
	1601 1675651.60	459929.83	Photo 306-131 38 45 26.95	85 23 14.63
<u>8Z</u> Center T-Rd. ESE.				
	1601 1686806.03	460270.36	Photo 306-131 38 45 31.65	85 20 53.88
<u>8A</u> SE. Cor of Cem.				
	1601 1701959.07	451277.84	Photo 306-131 38 44 04.51	85 17 41.31
<u>8B&</u> Center Rd @ Drv. S.				
	1601 1701749.58	451726.55	Photo 306-131 38 44 08.92	85 17 44.02
<u>9A</u> Center Rd. @ Drv. SSE.				
	1601 1670555.22	400611.28	Photo 306-133 38 35 40.00	85 24 09.59
<u>10&</u> Center Rd. @ Extended Drv. N.				
	1601 1727219.24	316661.07	Photo 366-166 38 21 56.56	85 12 05.00
<u>11A&</u> Center T-Drv.				
	1601 1863380.45	325569.04	Photo 364-138 38 23 35.05	84 43 36.00
<u>11B&</u> Center T-Rd. SW.				
	1601 1861427.97	329621.78	Photo 364-138 38 24 15.02	84 44 00.79
<u>12A</u> Center Rd. @ Drv.				
	1601 1739816.97	407494.13	Photo 366-163 38 36 55.70	85 09 38.11
<u>12B&</u> Center Rd. @ Entr SE.				
	1601 1739509.65	407160.04	Photo 366-163 38 36 52.37	85 09 41.94
<u>13A&</u> Center Rd. @ Drv. NE.				
	1601 1713982.65	375432.54	Photo 366-163 38 31 36.13	85 14 59.19

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Third-Order PP Ties

STATION DESCRIPTION	PLANE COORDINATES		LATITUDE ° ° ' "	LONGITUDE ° ° ' "
	X	Y		
<u>14B</u> Center T-Rd. S.				<u>Qd 188 KY</u>
	1601 1686060.85	358911.47	38 28 49.68	85 20 48.05
<u>T17A&</u> Center T-Rd.			Photo 306-136	<u>Qd 188 KY</u>
	1601 1703821.90	364596.07	38 29 47.90	85 17 05.51
<u>T17C&</u> Center T-Rd.			Photo 306-136	<u>Qd 188 KY</u>
	1601 1701120.91	365045.11	38 29 52.04	85 17 39.55
<u>T17E1&</u> Center T-Rd. NW.			Photo 306-136	<u>Qd 188 KY</u>
	1601 1696262.29	365104.74	38 29 52.08	85 18 40.67
<u>T17F1&</u> Center T-Rd. NW.			Photo 306-136	<u>Qd 188 KY</u>
	1601 1695439.59	363197.54	38 29 33.13	85 18 50.74
<u>T17H3&</u> Center T-RD.			Photo 306-136	<u>Qd 188 KY</u>
	1601 1690626.16	359275.93	38 28 53.82	85 19 50.70
<u>FORDA&</u> Center Rd @ Fen. NE.			Photo 306-136	<u>Qd 188 KY</u>
	1601 1679850.62	360362.43	38 29 03.28	85 22 06.36
<u>FORDB&</u> Center T-Rd. NNE.			Photo 306-136	<u>Qd 188 KY</u>
	1601 1679710.15	359603.94	38 28 55.77	85 22 08.01
<u>FORDD1&</u> Center T-Drv.			Photo 306-136	<u>Qd 188 KY</u>
	1601 1681952.42	359703.79	38 28 57.02	85 21 39.83
<u>14C&</u> Center Rd. @ Drvs.			Photo 306-135	<u>Qd 188 KY</u>
	1601 1686770.19	358826.34	38 28 48.92	85 20 39.12
<u>15A</u> Point of Grass			Photo 364-144	<u>Qd 200 KY</u>
	1601 1835462.76	454607.12	38 44 49.04	84 49 36.80

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Third-Order PP Ties

STATION DESCRIPTION	PLANE COORDINATES		LATITUDE ° ° '	LONGITUDE ° ° '
	X	Y		
<u>AZMK&</u> Center Rd. @ X-Fen.				<u>Qd 200 KY</u>
	1601 1834340.10	453916.26	38 44 42.14	84 49 50.92
<u>16A&</u> Center T-Rd. NE.				<u>Qd 188 KY</u>
	1601 1679030.30	328604.67	38 23 49.27	85 22 11.82
<u>16GA&</u> Center Rd. @ Dr. NNW.				<u>Qd 188 KY</u>
	1601 1697476.58	347057.29	38 26 53.82	85 18 22.79
<u>16HA&</u> Center Rd. @ Drv. NE.				<u>Qd 188 KY</u>
	1601 1687138.84	330885.78	38 24 12.78	85 20 30.32
<u>T14AA1&</u> Center T-Rd. NNW.				<u>Qd 188 KY</u>
	1601 1683950.61	350224.70	38 27 23.56	85 21 13.28
<u>T14AA2&</u> Center T-Rd. SE.				<u>Qd 188 KY</u>
	1601 1677870.41	344569.24	38 26 26.93	85 22 28.84
<u>T16A1&</u> Center T-Rd.				<u>Qd 188 KY</u>
	1601 1698959.07	351266.45	38 27 35.60	85 18 04.76
<u>T16AZ&</u> Center T-Rd NE				<u>Qd 188 KY</u>
	1601 1699284.14	350994.98	38 27 32.95	85 18 00.64
<u>T16CIA</u> Center RR. X-ing				<u>Qd 188 KY</u>
	1601 1693348.43	345878.85	38 26 41.70	85 19 14.51
<u>T16D&</u> Center Rd @ Fen.				<u>Qd 188 KY</u>
	1601 1696397.78	338258.19	38 25 26.72	85 18 35.08
<u>T16D1&</u> Center T-Rd. W.				<u>Qd 188 KY</u>
	1601 1697047.53	335981.34	38 25 04.29	85 18 26.58
<u>T16E1&</u> Center T-Rd. NNW.				<u>Qd 188 KY</u>
	1601 1697501.91	333705.91	38 24 41.84	85 18 20.55

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Third-Order PP Ties

STATION DESCRIPTION	PLANE COORDINATES		LATITUDE ° ' "	LONGITUDE ° ' "
	X	Y		
<u>T16E2</u> Center Y-Rd.				
			Photo 306-136	<u>Qd 188 KY</u>
1601 1697324.02	326384.71	38 23 29.46		85 18 21.73
<u>T16EE1&</u> Center T-Rd WSW.				
			Photo 306-136	<u>Qd 188 KY</u>
1601 1701457.76	323981.68	38 23 06.17		85 17 29.47
<u>T16E3&</u> Center Y-Rd.				
			Photo 306-136	<u>Qd 188 KY</u>
1601 1686742.12	322364.13	38 22 48.49		85 20 34.03
<u>101A&</u> Center T-Rd. S.				
			Photo 306-136	<u>Qd 188 KY</u>
1601 1692053.76	331244.63	38 24 16.90		85 19 28.63
<u>103A&</u> Center T-Rd. W.				
			Photo 306-136	<u>Qd 188 KY</u>
1601 1687016.24	340079.46	38 25 43.64		85 20 33.23
<u>T16FA&</u> Center Rd @ Drv. SW.				
			Photo 306-136	<u>Qd 188 KY</u>
1601 1708040.46	351279.20	38 27 36.73		85 16 10.60
<u>T17H1&</u> Center Rd. @ Drv.				
			Photo 306-136	<u>Qd 188 KY</u>
1601 1691509.75	360682.94	38 29 07.83		85 19 39.79
<u>FORDEL</u> Center Rd @ Pipeline Xing				
			Photo 306-136	<u>Qd 188 KY</u>
1601 1684075.46	359300.15	38 28 53.29		85 21 13.07